



# Section M

## ***HAMMER***

### **PROJECT MANAGERS**

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## **INTRODUCTION**

The HAMMER Project consists of Project Baseline Summary (PBS) RL-SS05, Work Breakdown Structure (WBS) 3.4.5.

NOTE: Cost/Schedule data contained herein is as of December 31, 2001. All other information is as of January 24, 2002 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones.

## **NOTABLE ACCOMPLISHMENTS**

Volpentest HAMMER's first priority is to deliver hands-on training to the Hanford workforce. During December one hundred forty-one classes were conducted at the Volpentest HAMMER facility, for a total of 2,584 Hanford site student days. Highest attended health and safety classes included Hazardous Waste Operations, Respiratory Protection, Radiation Worker II Requalification, Fire Watch, and Basic Medic First Aid training. Overall satisfaction, rated on a scale from one to five based on level one evaluations, for the month of December: Course Content 4.52, Instructor(s) 4.64 and Facility 4.52.

CHG and PNNL staff successfully completed the re-deployment of the Pit Viper system from the HAMMER Training campus to the Hanford Tank Farms. The Pit Viper completed all tasks without any system problems and the deployment is 100 percent complete. In total, the Pit Viper completed size reduction and removal of the foam, wall spraying, wall grinding, scraping/scooping of debris, and debris removal. Current plans are to return the Pit Viper to the HAMMER Training campus during the month of January 2002 to continue operator mock-up training.

The Computer-Based Training Room was used during this reporting period to train ten CHG staff on their Global Positioning System equipment. The training was arranged by HAMMER using a company trained and qualified commercial vendor. One of the many hands-on exercises required attendees to wander all over the HAMMER facility taking readings, down loading those readings into a computer and making maps of their findings.

HAMMER Operations helped with coordination and scheduling of 12 Second Line of Defense, Weapons of Mass Destruction and Radacad classes for PNNL through the end of FY 2002. Additionally the coordination of a class on Radiation Detection Devices included moving previously scheduled classes at HAMMER to other areas, equipment rental and extensive operations set-up.

During the month of December 2001, HAMMER facilitated or brokered 25 training sessions covering 19 specific subjects at the HAMMER campus. These training sessions supported CHG (two sessions) and PNNL (one session). A total of nineteen sessions were provided to support facility training for Spent Nuclear Fuel (SNF) and Fluor Hanford. Three multi-contractor sessions were also sponsored.

## **BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT**

Nothing to report at this time.

## UPCOMING ACTIVITIES

Complete Vehicle and Dumpster Fire Prop construction in January 2002.

Conduct a projected 3,100 Hanford site student days in January 2002.

Receive two thermal imaging cameras in January 2002.

Complete installation of sheet metal walls in the Search and Rescue building in February 2002.

## MILESTONE ACHIEVEMENT

Nothing to report at this time.

## PERFORMANCE OBJECTIVES

Nothing to report at this time.

## FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FYTD								
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	BAC	EAC
PBS SS05	Hammer	\$ 1,017	\$ 995	\$ 964	\$ (22)	-2%	\$ 31	3%	\$ 4,516	\$ 4,516
WBS 3.4.5.1										
<b>Total</b>		<b>\$ 1,017</b>	<b>\$ 995</b>	<b>\$ 964</b>	<b>\$ (22)</b>	<b>-2%</b>	<b>\$ 31</b>	<b>3%</b>	<b>\$ 4,516</b>	<b>\$ 4,516</b>

## FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of two percent is insignificant and within the established thresholds.

The favorable cost variance of three percent is insignificant and within the established thresholds.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

## Schedule Variance Analysis: (-\$0.02M)

### HAMMER — 3.4.5.1/SS05

**Description and Cause:** The variance is within thresholds.

**Impact:** None.

**Corrective Action:** None.

## Cost Variance Analysis: (+\$0.03)

### HAMMER — 3.4.5.1/SS05

**Description and Cause:** The favorable cost variance is mainly due to fiscal year startup activities

**Impact:** There is no significant project impact at this time.

**Corrective Action:** None required; continue to review contract costs.

## FUNDS MANAGEMENT FYTD FUNDS VS SPENDING FORECAST (\$000)

	Expected Funds	FYSF	FH Reallocation	Funds Variance (Expected vs. Reallocation)
3.4.5 HAMMER SS05	\$ 5,631	\$ 5,230	\$ 4,942	\$ 689
Total	\$ 5,631	\$ 5,230	\$ 4,942	\$ 689

[Status through December 2001]

**NOTE:** FH Reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

## ISSUES

### Technical, Regulatory, External, and DOE Issues and DOE Requests

**Issue:** Nothing to report at this time.

**Impacts:** None.

**Corrective Action:** None at this time.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

### Baseline Change Log

BCR No./ Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
HMR-01-009/3.4.5.1	9/10/01	FY 2002 Additional Scope		83	11/1/01	Project Approved
HMR-01-010/3.4.5.1	9/10/01	FY 2002 Capital Equipment Purchase		69	11/1/01	Project Approved
HMR-01-011/3.4.5.1	9/13/01	FY 2002 Additional Capital Work Scope		98	11/1/01	Project Approved

**NOTES:** "Impact" refers to the impact in terms of the number of days or dollars changing *from the 9/30/01 baseline*.

"Date Approved" refers to date of change as approved by final approval authority.